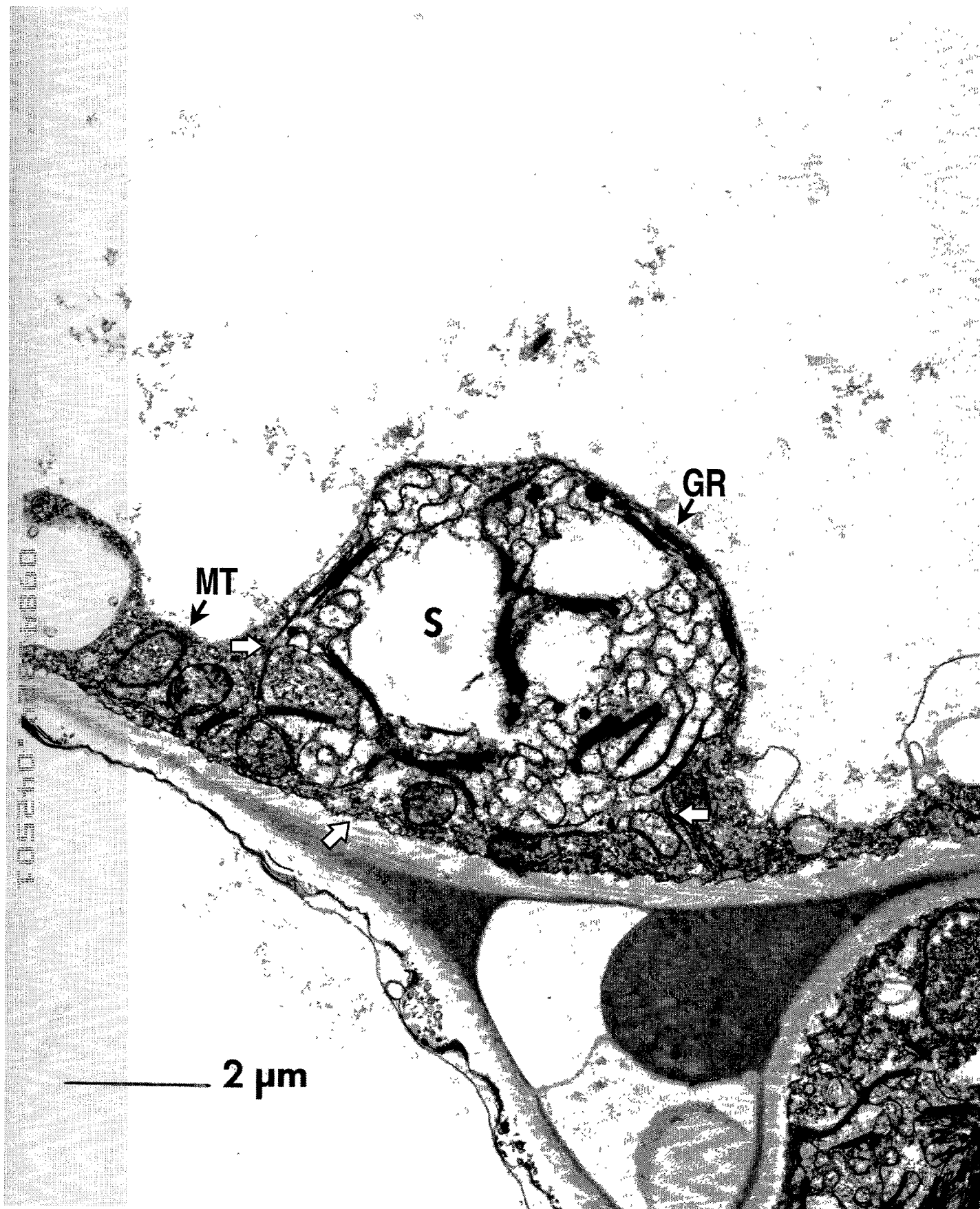
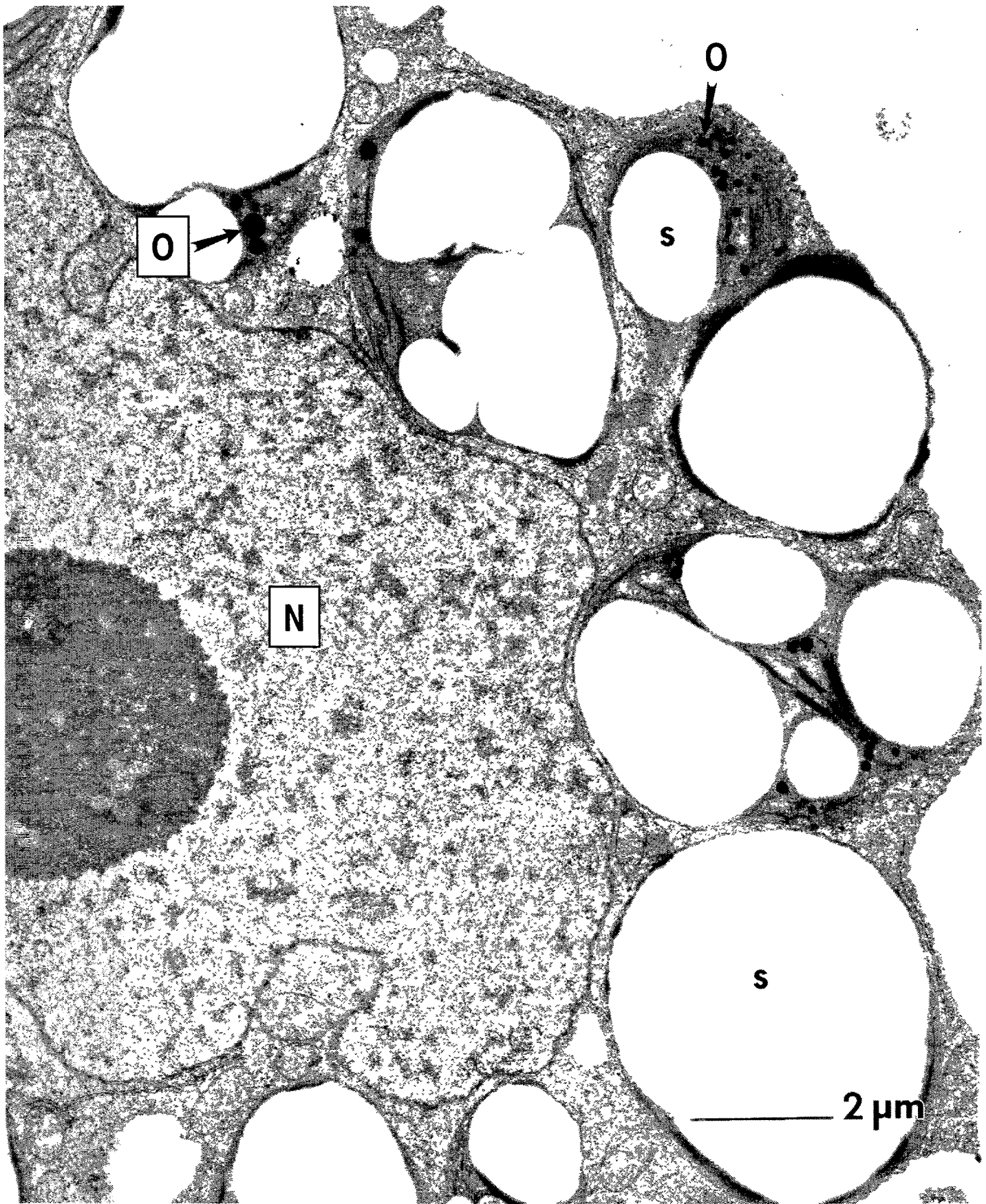


**Control - 1 week**

Figure 1



**Glyphosate - 50ppm 1 week** Figure 2

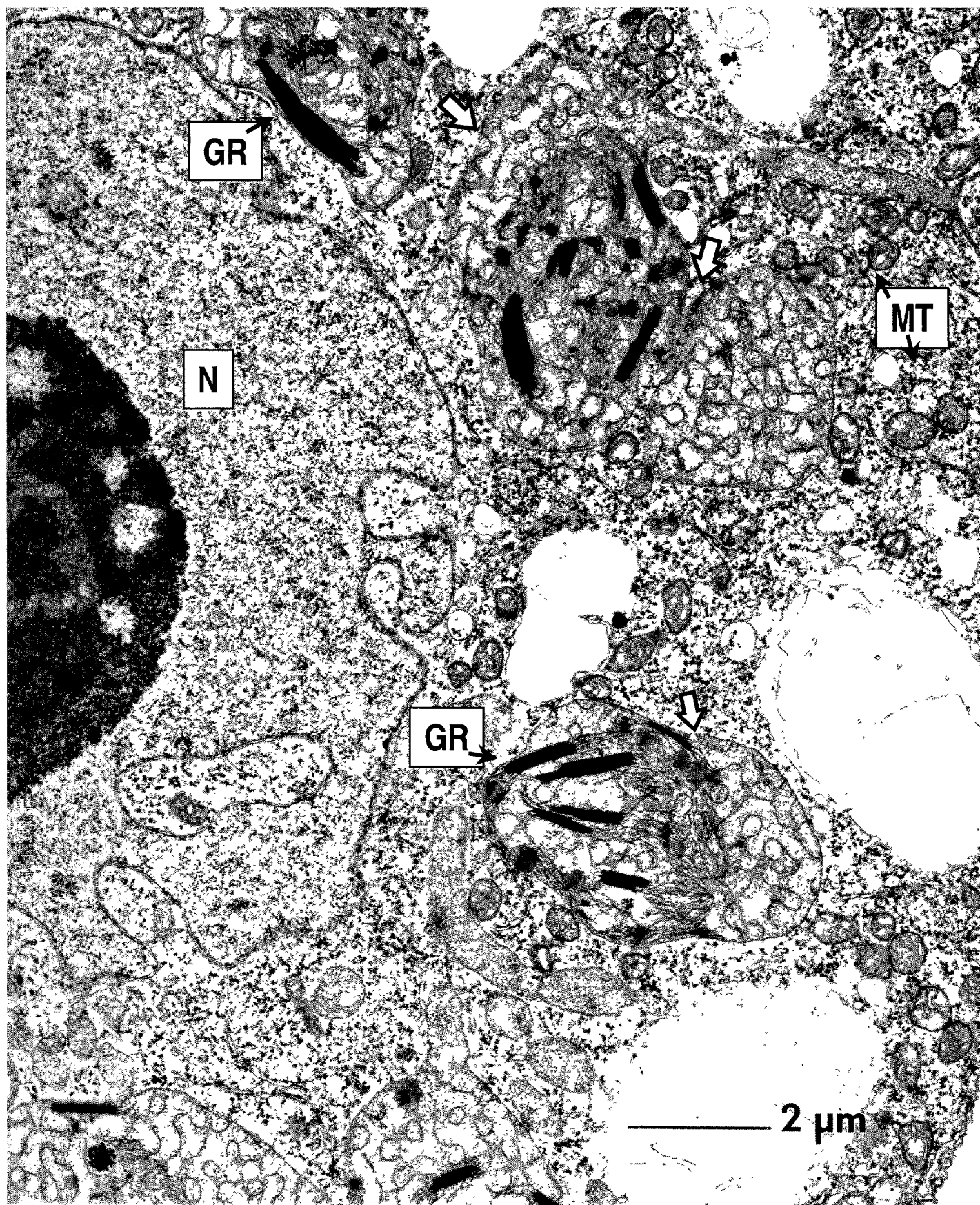


**Glyphosate - 50 ppm 4 weeks** Figure 3

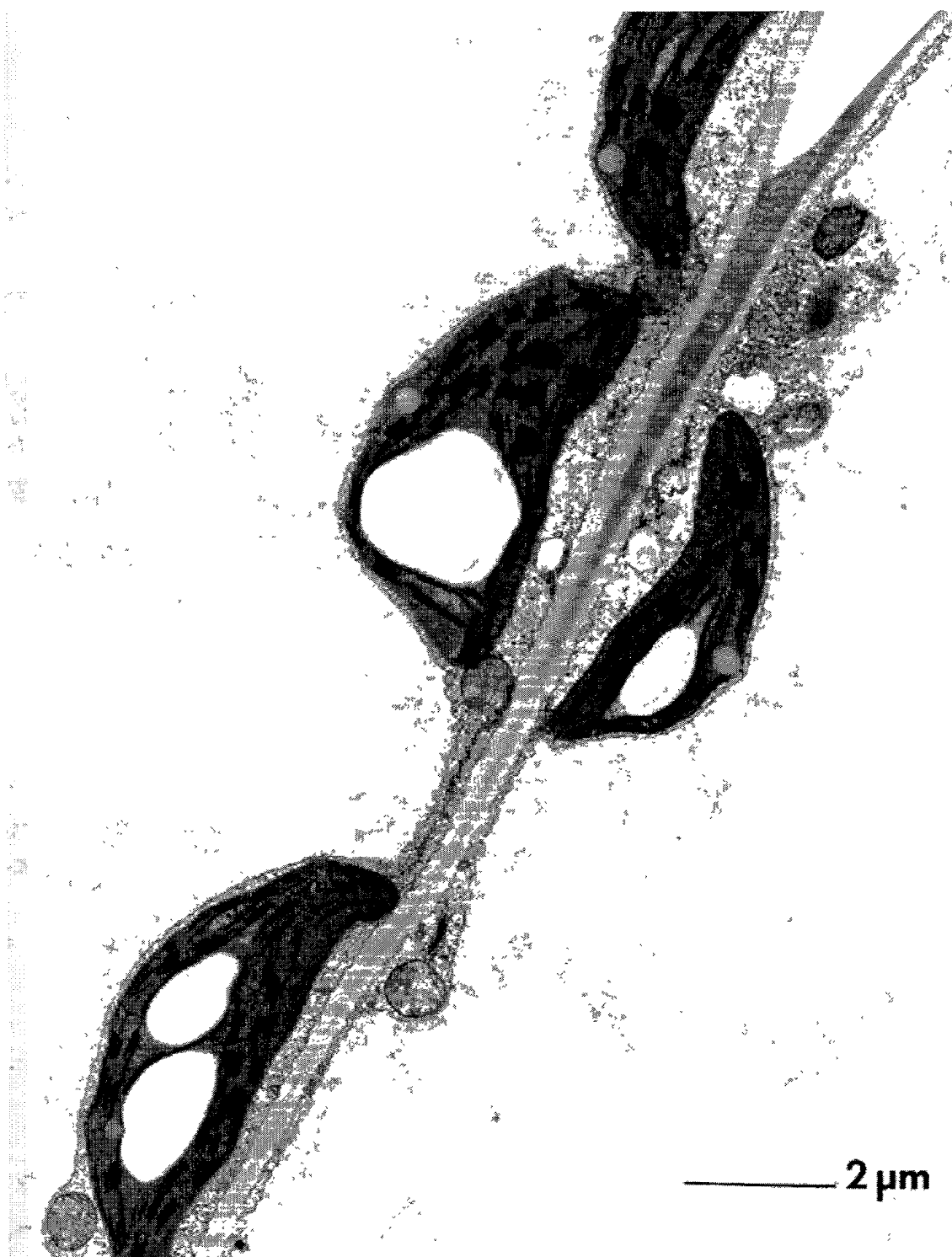




**Glyphosate -200 ppm 1 week** Figure 4



**Glyphosate - 200 ppm 4 weeks** Figure 5



Glyphosate 1 uM, 7 days

Figure 67

This electron micrograph shows a cross-section of a plant cell wall. The structure is characterized by a thick, dark, and highly textured layer, likely representing the cellulose microfibrils. The texture is granular and uneven, with some lighter, more crystalline regions interspersed. A scale bar at the bottom right indicates a length of 2 μm.

Figure 7



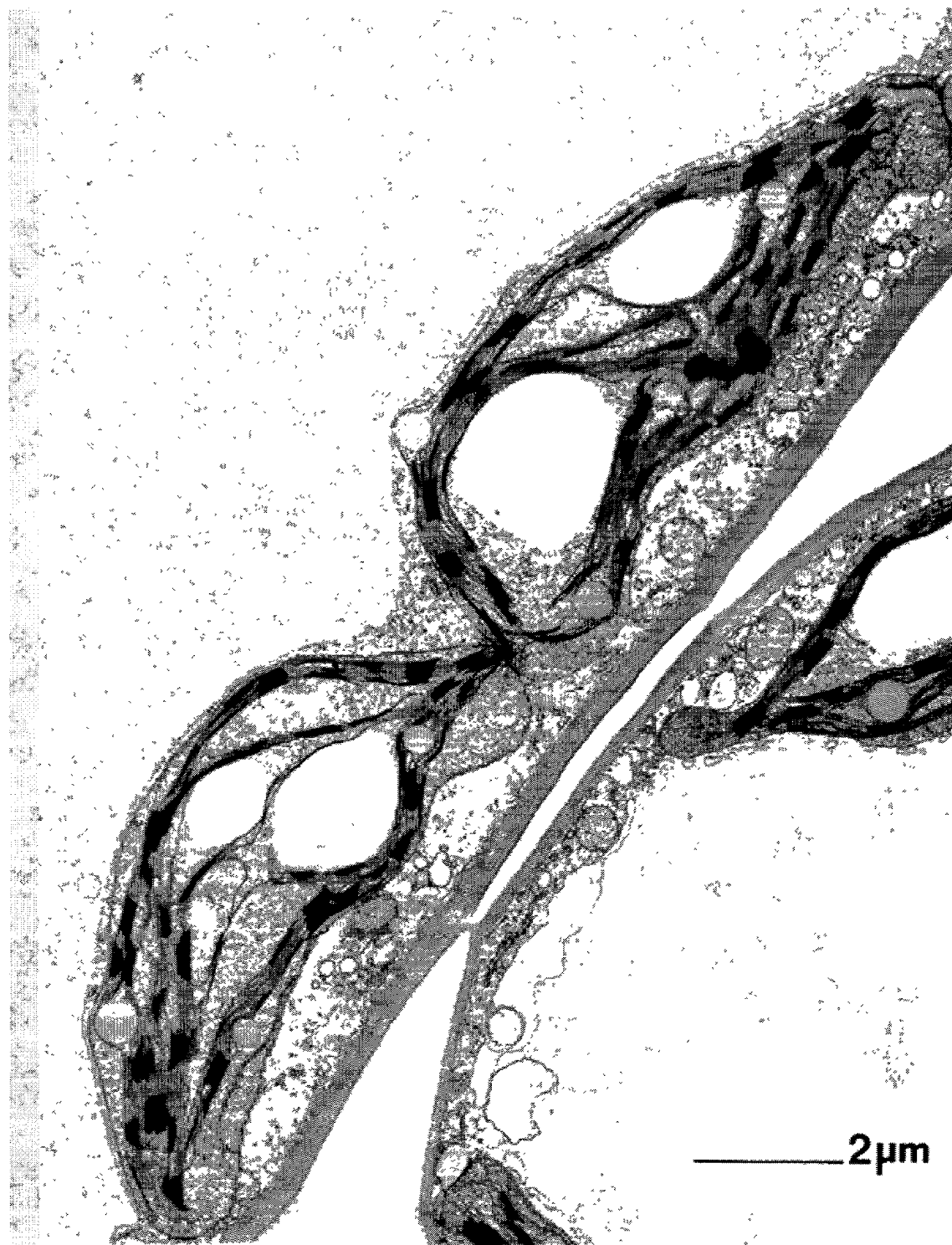
105340-4224860



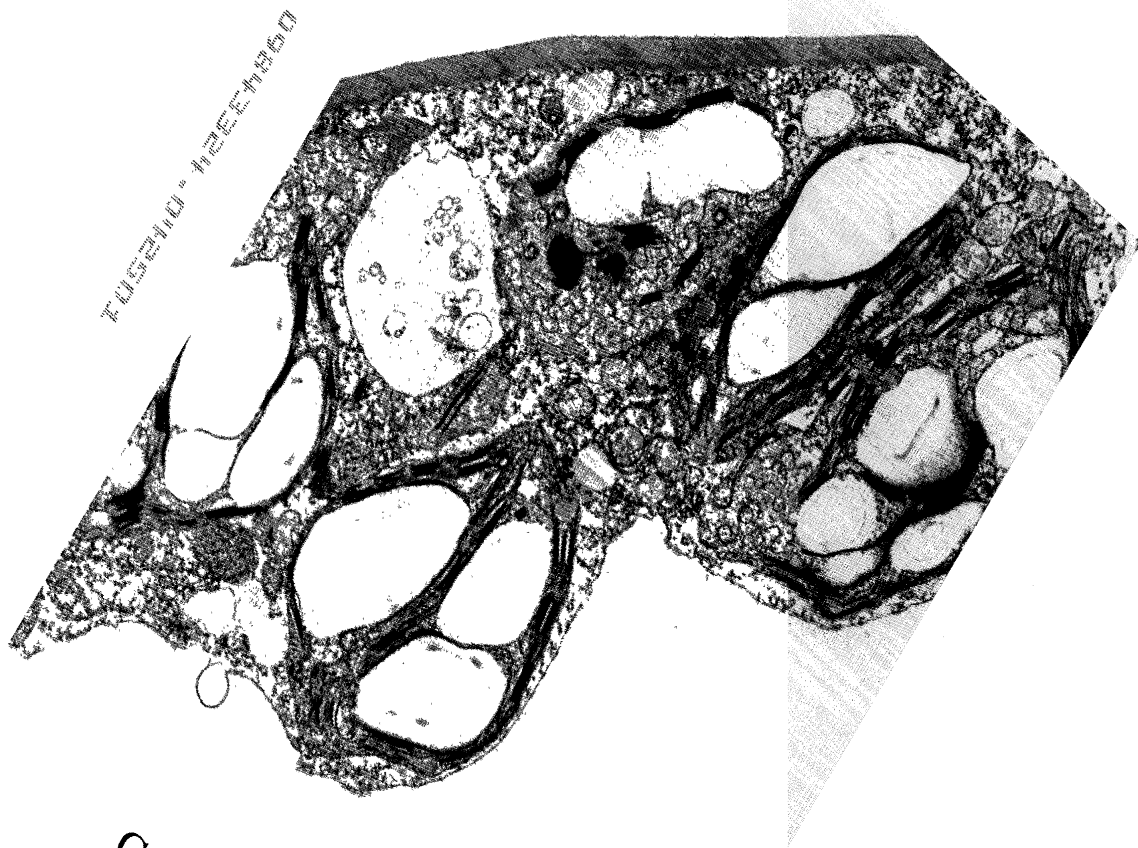
Glyphosate 10 uM, 7 days Figure 8



105240-4264360



Glyphosate 20 uM, 3 days Figure 9



Glyphosate 20 uM, 7 days

2  $\mu$ m

Figure 10

TO5410-42EE4860

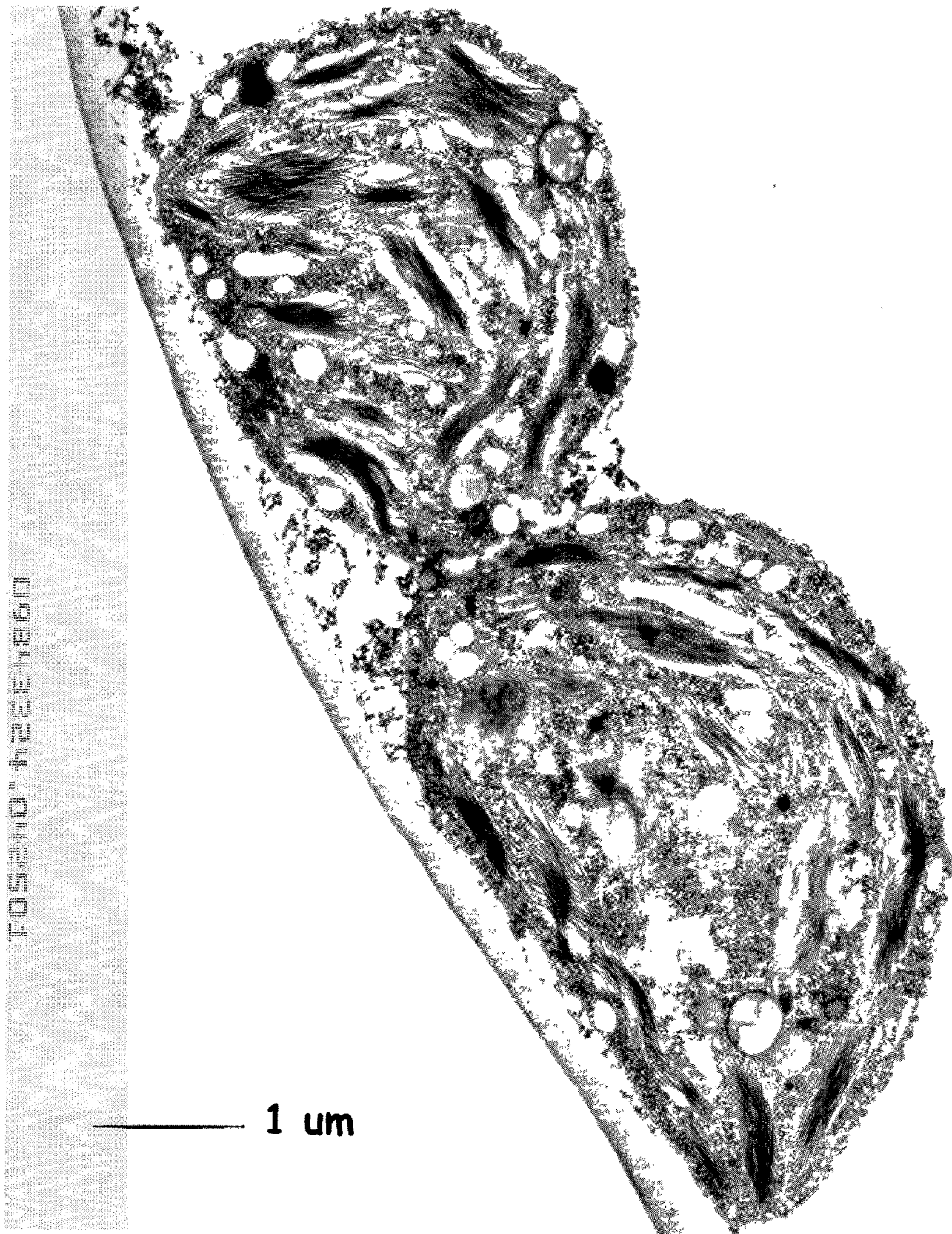


**Spectinomycin - 500 ppm**  
**1 week**

Figure 11

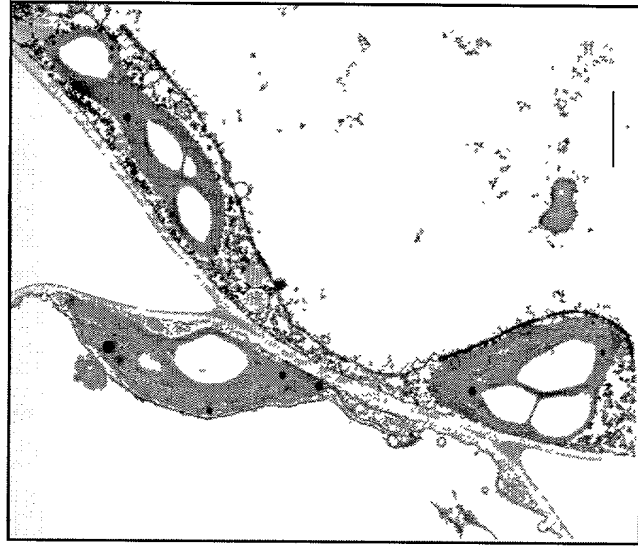






**Spectinomycin - 500 ppm**  
**4 weeks**

Figure 12B



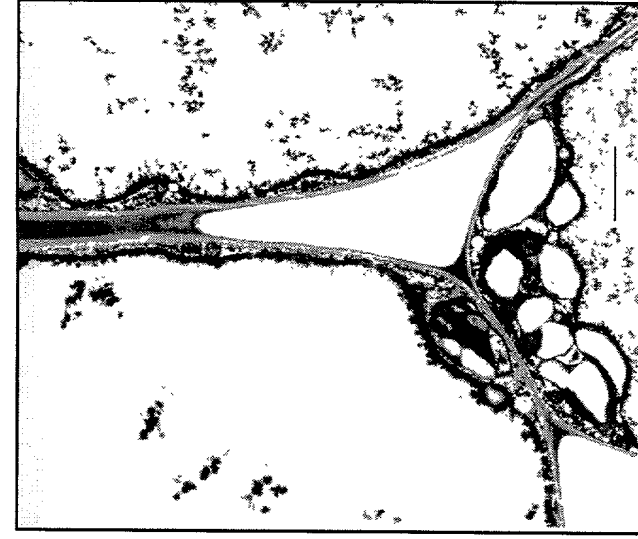
*Phosphinothricin - 4 mg / L*  
*- 3 days*

Figure 13



*Phosphinothricin - 4 mg / L*  
*- 7 days*

Figure 14

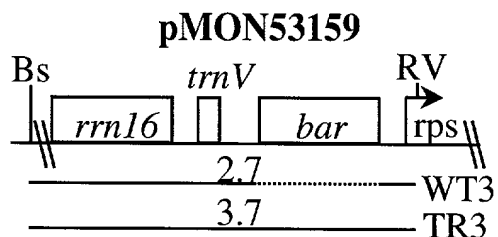
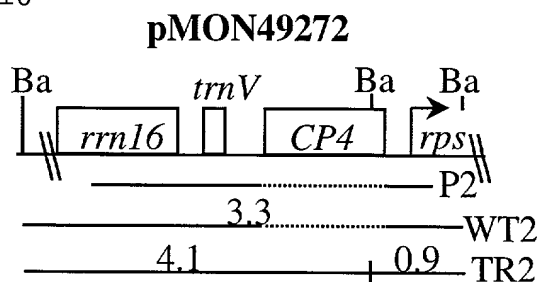
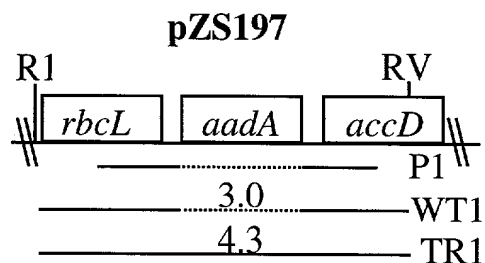


*Phosphinothricin - 4 mg / L*  
*- 12 days*

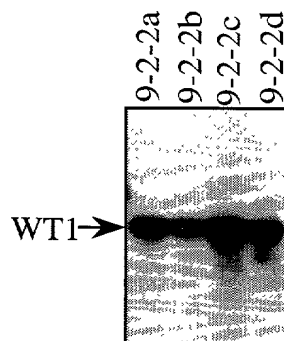
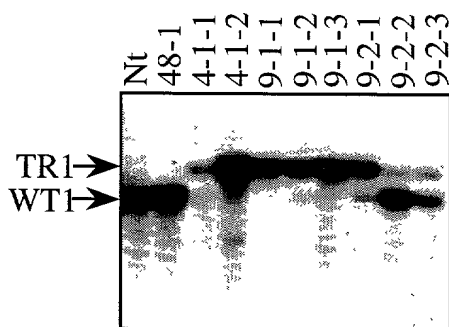
Figure 15

Figure 16

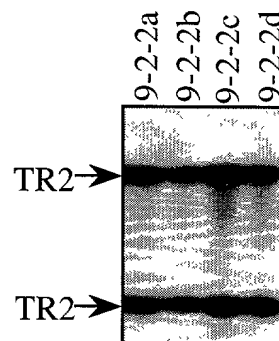
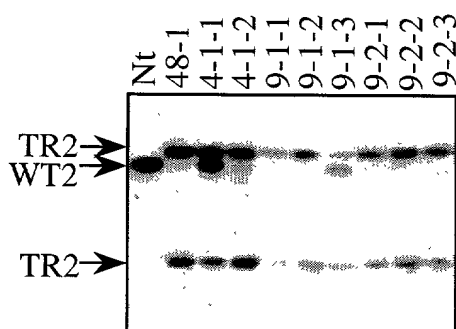
**A**



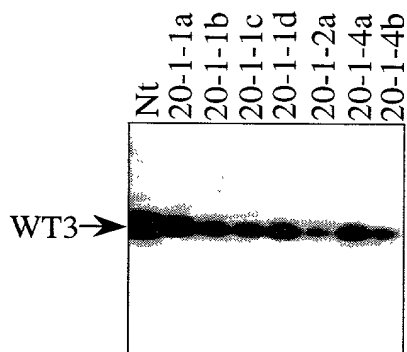
**B** *aadA* region probe



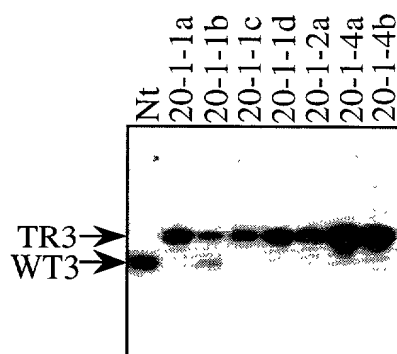
**C** CP4 region probe



**D** *aadA* region probe



**E** *bar* region probe



| # shots | # Gly selected | # analyzed | # CP4+ |
|---------|----------------|------------|--------|
| 60      | 7              | 6          | 6      |

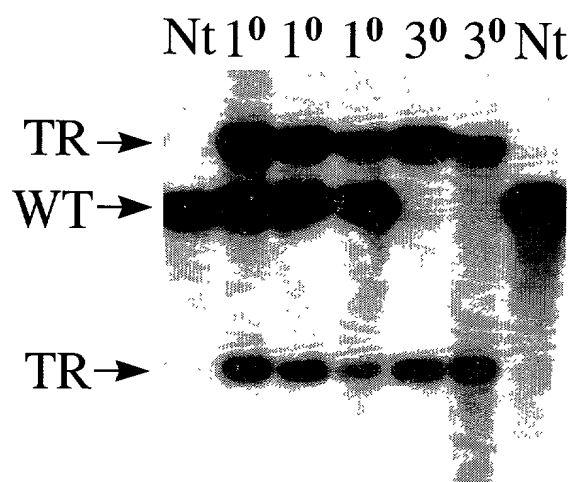


Figure 17



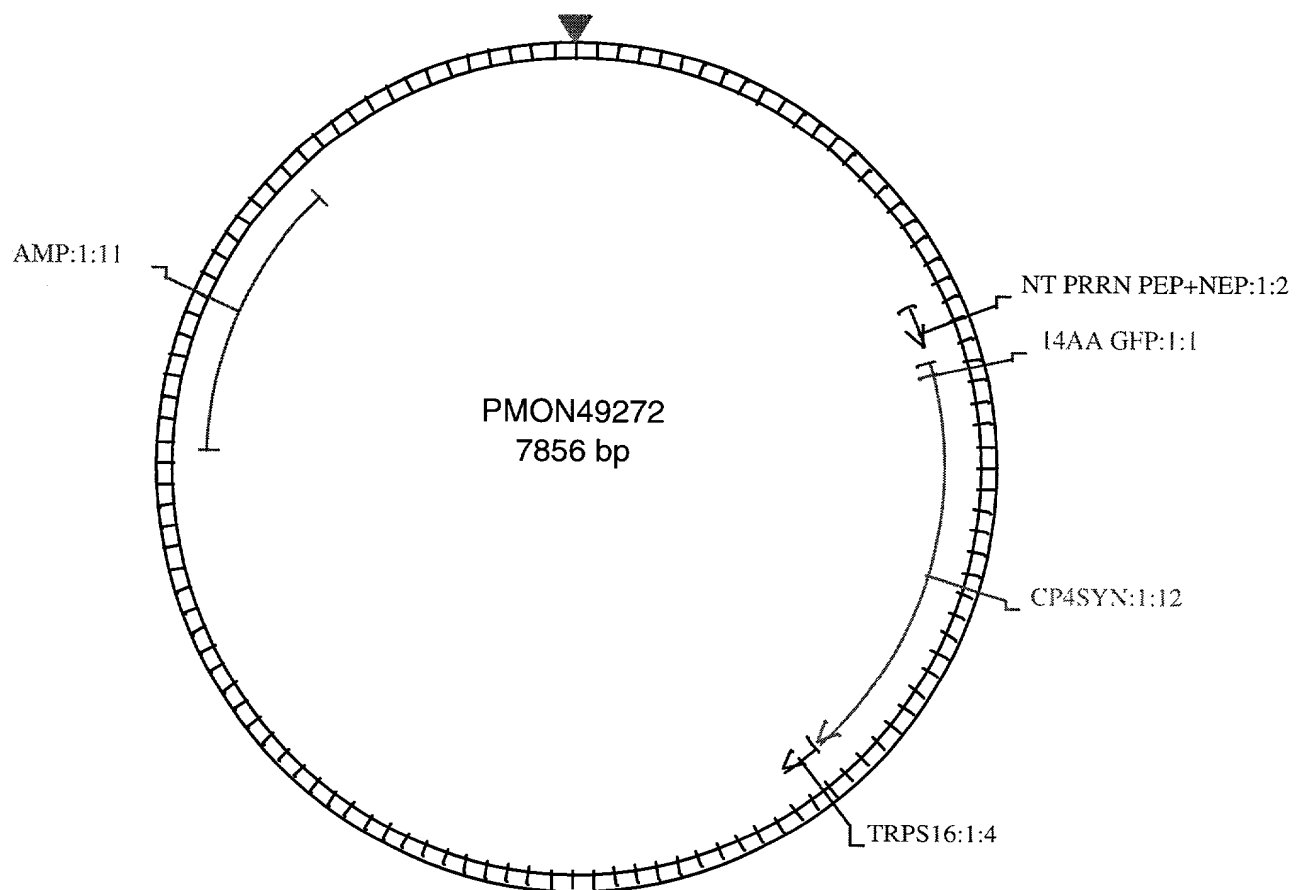


Figure 18

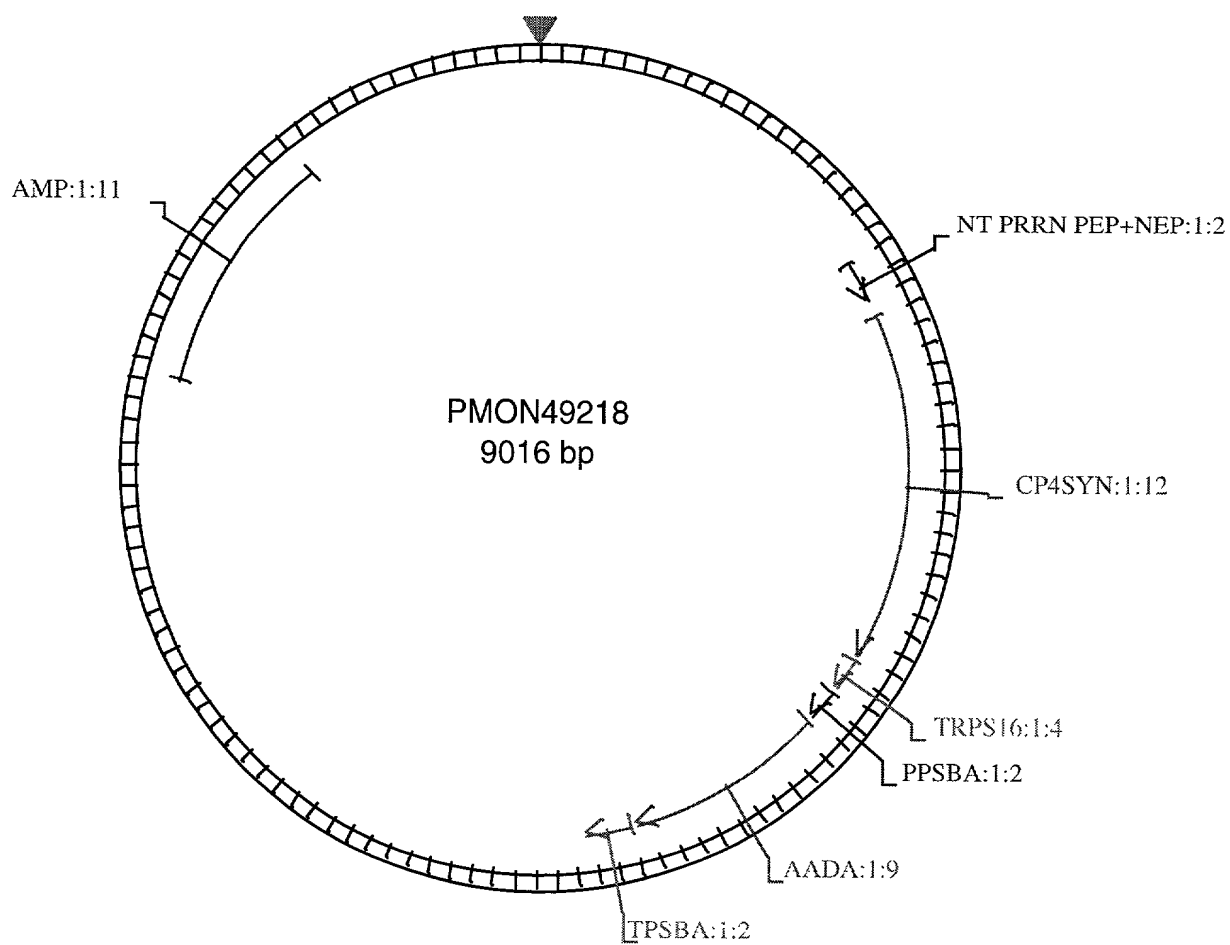


Figure 19

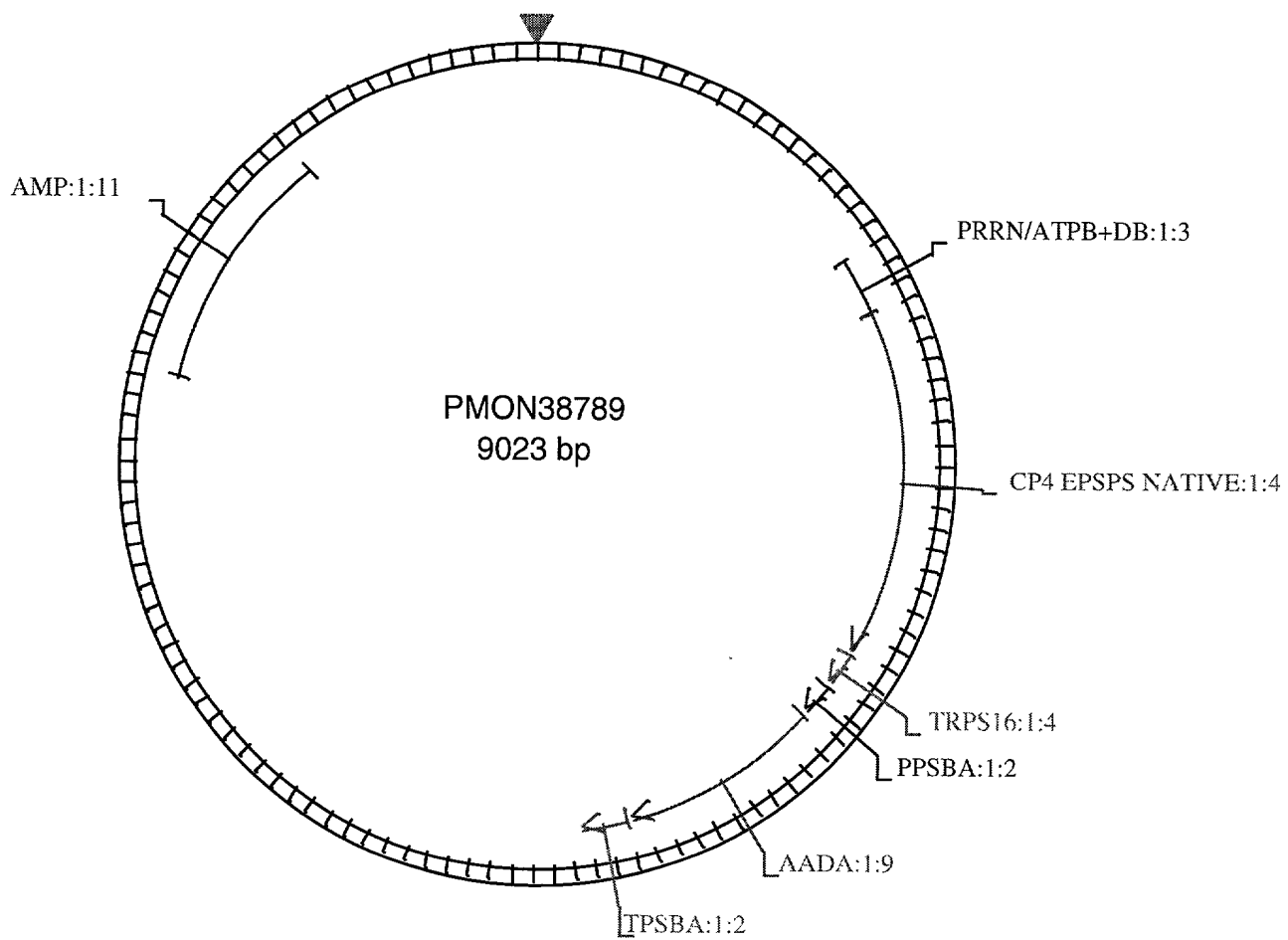


Figure 20

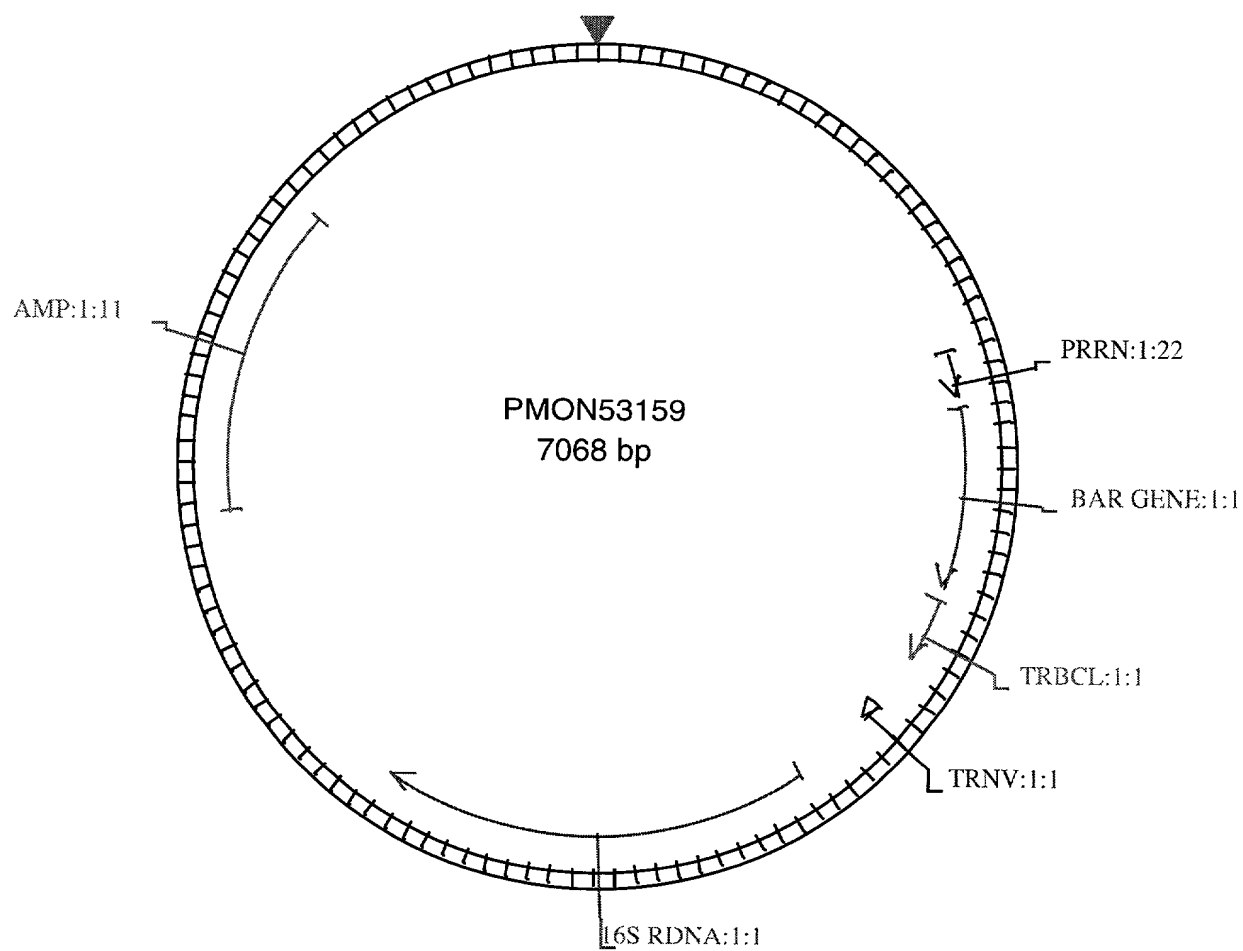


Figure 21



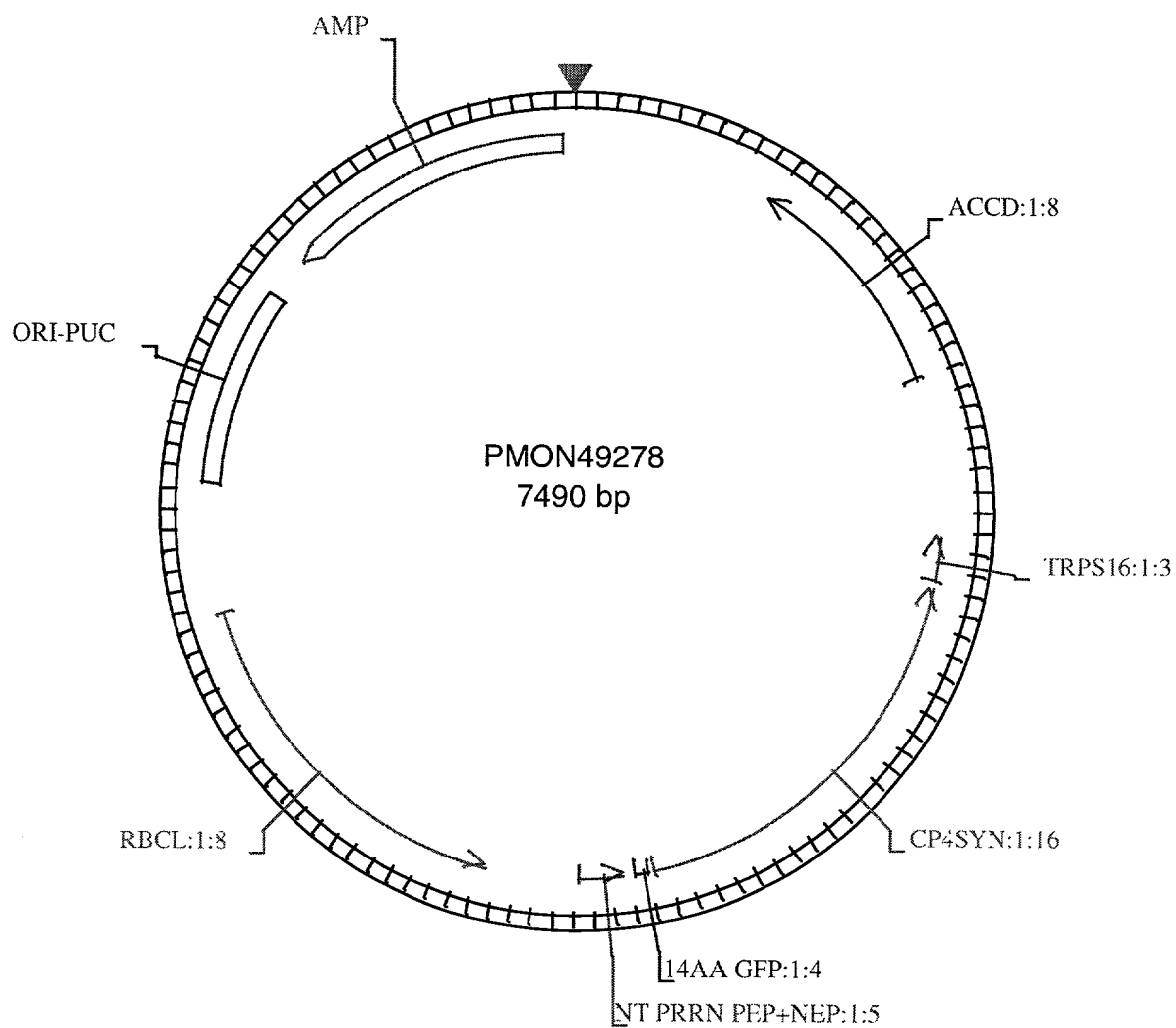


Figure 22